

**UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF MISSOURI
EASTERN DIVISION**

MONSANTO COMPANY and
MONSANTO TECHNOLOGY LLC,

Plaintiffs,

v.

E.I. DU PONT DE NEMOURS AND CO. and
PIONEER HI-BRED INTERNATIONAL, INC.,

Defendants.

Case No. 09-cv-0686 (ERW)

DECLARATION OF PROFESSOR VIRGINIA WALBOT

Exhibit B

Walbot Materials Considered**EXHIBIT B**

7/12/2010 Declaration of Stephen Dellaporta (and scientific articles relied on therein)
US Patent 5,633,435
US Patent RE39,247 E
US Patent 6,492,578
US Patent 7,732,662
US Patent 5,576,198
Biology of Plants, Raven & Evert, Worth Publishers
Daniell, et al “Containment of herbicide resistance through genetic engineering of the chloroplast genome” <i>Nature Biotechnology</i> , Vol.16., p. 345-348 (1998)
Gallie and Walbot, “RNA pseudoknot domain of tobacco mosaic virus can functionally substitute for a poly(A) tail in plant and animal cells”, <i>Genes Dev.</i> (1990) 4: 1149-1157
Kang and Hannapel “Nucleotide Sequence of a cDNA for the Potato (<i>Solanum tuberosum</i> L.) Chloroplast Ribosomal Protein S16” <i>Plant Physiol.</i> (1995) 107: 293-294
Lisitsky, et al “Addition of destabilizing poly(A)-rich sequences to endonuclease cleavage sites during the degradation of chloroplast mRNA” <i>Proc. Natl. Acad. Sci. USA</i> (1996) Vol. 93, pp. 13398–13403
Lisitsky, et al “The Mechanism of Preferential Degradation of Polyadenylated RNA in the Chloroplast”, (1997) <i>The Journal of Biochemistry</i> Vol. 272, No. 28, Issue of July 11, pp. 17648–17653
Mayfield, et al “Regulation of Chloroplast Gene Expression” <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> (1995).46:147-66
Newell, et al “Expression of green fluorescent protein from bacterial and plastid promoters in tobacco chloroplasts” (2003) <i>Transgenic Research</i> 12: 631–634
Staub, et al “High-yield production of a human therapeutic protein in tobacco chloroplasts” <i>Nature Biotechnology</i> , (2000) Vol 18, p. 333-338
Sugiura, et al “Evolution and Mechanism of Translation in Chloroplasts”, <i>Annu. Rev. Genet.</i> 1998. 32:437–59
Valkov, et al “High efficiency plastid transformation in potato and regulation of transgene expression in leaves and tubers by alternative 50 and 30 regulatory sequences” <i>Transgenic Res</i> (2010)
Ye, et al “Plastid-expressed 5-enolpyruvylshikimate-3-phosphate synthase genes provide high level glyphosate tolerance in tobacco” <i>The Plant Journal</i> (2001) 25(3), 261-270
Yuan, et al “Triple mechanisms of glyphosate-resistance in a naturally occurring glyphosate-resistant plant <i>Dicliptera chinensis</i> ” <i>Plant Science</i> , (2002) 163: 543-554